


| STATE OF UTAH<br>DEPARTMENT OF NATURAL RESOURCES<br>DIVISION OF OIL, GAS AND MINING  |           |                  |  |  |                    | FORM 3<br>AMENDED REPORT <input type="checkbox"/>  |                                    |                                   |       |        |        |          |  |
|--|-----------|------------------|--|--|--------------------|--|------------------------------------|-----------------------------------|-------|--------|--------|----------|--|
| <b>APPLICATION FOR PERMIT TO DRILL</b>   |           |                  |  |  |                    | 1. WELL NAME and NUMBER<br>Three Rivers Fed 4-42T-820  |                                    |                                   |       |        |        |          |  |
| 2. TYPE OF WORK<br>DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/> |           |                  |  |  |                    | 3. FIELD OR WILDCAT<br>THREE RIVERS  |                                    |                                   |       |        |        |          |  |
| 4. TYPE OF WELL<br>Oil Well Coalbed Methane Well: NO   |           |                  |  |  |                    | 5. UNIT or COMMUNITIZATION AGREEMENT NAME  |                                    |                                   |       |        |        |          |  |
| 6. NAME OF OPERATOR<br>ULTRA RESOURCES INC   |           |                  |  |  |                    | 7. OPERATOR PHONE<br>303 645-9809  |                                    |                                   |       |        |        |          |  |
| 8. ADDRESS OF OPERATOR<br>116 Inverness Drive East, Suite #400, Englewood, CO, 80112   |           |                  |  |  |                    | 9. OPERATOR E-MAIL<br>kbott@ultrapetroleum.com   |                                    |                                   |       |        |        |          |  |
| 10. MINERAL LEASE NUMBER<br>(FEDERAL, INDIAN, OR STATE)<br>UTU85994  |           |                  | 11. MINERAL OWNERSHIP<br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>       |  |                    | 12. SURFACE OWNERSHIP<br>FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/> |                                    |                                   |       |        |        |          |  |
| 13. NAME OF SURFACE OWNER (if box 12 = 'fee')  |           |                  |  |  |                    | 14. SURFACE OWNER PHONE (if box 12 = 'fee')  |                                    |                                   |       |        |        |          |  |
| 15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')   |           |                  |  |  |                    | 16. SURFACE OWNER E-MAIL (if box 12 = 'fee')   |                                    |                                   |       |        |        |          |  |
| 17. INDIAN ALLOTTEE OR TRIBE NAME<br>(if box 12 = 'INDIAN')  |           |                  | 18. INTEND TO COMMINGLE PRODUCTION FROM<br>MULTIPLE FORMATIONS<br>YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/> |  |                    | 19. SLANT<br>VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>                               |                                    |                                   |       |        |        |          |  |
| 20. LOCATION OF WELL   |           | FOOTAGES         |  | QTR-QTR  |                    | SECTION  |                                    | TOWNSHIP                          |       | RANGE  |        | MERIDIAN |  |
| LOCATION AT SURFACE  |           | 1400 FNL 419 FEL |  | SENE   |                    | 4  |                                    | 8.0 S                             |       | 20.0 E |        | S        |  |
| Top of Uppermost Producing Zone  |           | 1300 FNL 660 FEL |  | NENE   |                    | 4  |                                    | 8.0 S                             |       | 20.0 E |        | S        |  |
| At Total Depth   |           | 1300 FNL 660 FEL |  | NENE   |                    | 4  |                                    | 8.0 S                             |       | 20.0 E |        | S        |  |
| 21. COUNTY<br>UINTAH   |           |                  | 22. DISTANCE TO NEAREST LEASE LINE (Feet)<br>419   |  |                    | 23. NUMBER OF ACRES IN DRILLING UNIT<br>40   |                                    |                                   |       |        |        |          |  |
|  |           |                  | 25. DISTANCE TO NEAREST WELL IN SAME POOL<br>(Applied For Drilling or Completed)<br>40   |  |                    | 26. PROPOSED DEPTH<br>MD: 6985 TVD: 6975   |                                    |                                   |       |        |        |          |  |
| 27. ELEVATION - GROUND LEVEL<br>4806   |           |                  | 28. BOND NUMBER<br>UTB000593   |  |                    | 29. SOURCE OF DRILLING WATER /<br>WATER RIGHTS APPROVAL NUMBER IF APPLICABLE<br>43-10988   |                                    |                                   |       |        |        |          |  |
| <b>Hole, Casing, and Cement Information</b>  |           |                  |  |  |                    |  |                                    |                                   |       |        |        |          |  |
| String   | Hole Size | Casing Size      | Length   | Weight   | Grade & Thread     | Max Mud Wt.  | Cement                             |                                   | Sacks | Yield  | Weight |          |  |
| Cond   | 20        | 16               | 0 - 100  | 109.0  | C-75 Casing/Tubing | 0.0  | Unknown                            |                                   | 0     | 0.0    | 0.0    |          |  |
| Surf   | 11        | 8.625            | 0 - 1000   | 24.0   | J-55 LT&C          | 8.8  | Class G                            |                                   | 550   | 1.16   | 15.8   |          |  |
| Prod   | 7.875     | 5.5              | 0 - 4985   | 17.0   | J-55 LT&C          | 10.0   | Halliburton Light , Type Unknown   |                                   | 225   | 3.54   | 11.0   |          |  |
|  |           |                  | 4985 - 6985  | 17.0   | N-80 LT&C          | 10.0   | Halliburton Premium , Type Unknown |                                   | 450   | 1.35   | 14.0   |          |  |
| <b>ATTACHMENTS</b>   |           |                  |  |  |                    |  |                                    |                                   |       |        |        |          |  |
| <b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>  |           |                  |  |  |                    |  |                                    |                                   |       |        |        |          |  |
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER   |           |                  |  |  |                    | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN   |                                    |                                   |       |        |        |          |  |
| <input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)   |           |                  |  |  |                    | <input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER   |                                    |                                   |       |        |        |          |  |
| <input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)   |           |                  |  |  |                    | <input checked="" type="checkbox"/> TOPOGRAPHICAL MAP  |                                    |                                   |       |        |        |          |  |
| NAME Jasmine Allison   |           |                  |  | TITLE Sr. Permitting Analyst   |                    |  |                                    | PHONE 307 367-5041                |       |        |        |          |  |
| SIGNATURE  |           |                  |  | DATE 08/01/2016  |                    |  |                                    | EMAIL jallison@ultrapetroleum.com |       |        |        |          |  |
| API NUMBER ASSIGNED<br>43047555560000  |           |                  |  | APPROVAL<br><br>Permit Manager |                    |  |                                    |                                   |       |        |        |          |  |

**ULTRA RESOURCES, INC.**

**8 - POINT DRILLING PROGRAM**

**Slim Hole Design  
8 5/8" Surface & 5 1/2" Production Casing Design**

**DATED: 11-03-14**

**Three Rivers Fed 4-42T-820**

**SHL: Sec 4 (SENE) T8S R20E**

**Uintah, Utah**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations and the approved Application for Permit to Drill (APD). The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations.

**RECEIVED:** August 01, 2016

**1. Formation Tops**

The estimated tops of important geologic markers are as follows:

| <u>Formation Top</u> | <u>Top (TVD)</u>       | <u>Comments</u>      |
|----------------------|------------------------|----------------------|
| Uinta                | Surface                |                      |
| BMSW                 | 1,601' MD / 1,600' TVD |                      |
| Green River          | 2,930' MD / 2,925' TVD |                      |
| Mahogany             | 4,269' MD / 4,260' TVD |                      |
| Garden Gulch         | 4,885' MD / 4,875' TVD | Oil & Associated Gas |
| Lower Green River*   | 5,035' MD / 5,025' TVD | Oil & Associated Gas |
| Wasatch              | 6,785' MD / 6,775' TVD | Oil & Associated Gas |
| TD                   | 6,985' MD / 6,975' TVD |                      |

**Asterisks (\*) denotes target pay intervals**

All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished to the appropriate agencies. Oil and gas shows will be adequately tested for commercial possibilities, reported and protected by casing and cement.

**2. BOP Equipment**

- A) The BOPE shall be closed whenever the well is unattended. The appropriate agencies will be notified 24 hours prior to all BOPE pressure tests.
- B) The BOPE shall be closed whenever the well is unattended.
- C) All BOPE connections subjected to well pressure will be flanged, welded, or clamped.
- D) Choke Manifold
- 1) Tee blocks or targeted 'T's will be used and anchored to prevent slip and reduce vibration.
  - 2) Two adjustable chokes will be used in the choke manifold.
  - 3) All valves (except chokes) in kill line choke manifold and choke line will not restrict the flow.
  - 4) Pressure gauges in the well control system will be designed for drilling fluid.
- E) BOPE Testing:
- 1) BOPE shall be pressure tested when initially installed, whenever any seal subject to pressure testing is broken, or after repairs.
  - 2) All BOP tests will be performed with a test plug in place.
  - 3) BOP will be tested to full stack working pressure and annular preventer to 50% stack working pressure.

**INTERVAL**

0 - 1,000' MD / 1,000' TVD  
1,000' MD / 1,000' TVD – 6,985' MD / 6,975' TVD

**BOP EQUIPMENT**

11" Diverter with Rotating Head  
3,000# Ram Double BOP & Annular with  
Diverter & Rotating Head

NOTE: Drilling spool to accommodate choke and kill lines.

**3. Casing and Float Equipment Program****CASING:**

| <b>Directional Well</b>    | <b>Hole Size</b> | <b>OD</b> | <b>Depth MD/TVD</b>    | <b>Wt.</b> | <b>Grade &amp; Connection</b> | <b>Cond.</b> |
|----------------------------|------------------|-----------|------------------------|------------|-------------------------------|--------------|
| <b>Conductor</b>           | 20"              | 16"       | +/- 100' MD / 100' TVD | 109.0 ppf  | C-75                          | New          |
| <b>Surface</b>             | 11"              | 8 5/8"    | 1,000' MD / 1,000' TVD | 24.0 ppf   | J-55, LTC                     | New          |
| <b>Production (Top)</b>    | 7 7/8"           | 5 1/2"    | 4,985' MD / 4,975' TVD | 17.0 ppf   | J-55, LTC                     | New          |
| <b>Production (Bottom)</b> | 7 7/8"           | 5 1/2"    | 6,985' MD / 6,975' TVD | 17.0 ppf   | N/L-80, LTC                   | New          |

**CASING SPECIFICATIONS:**

| Directional Well    | Casing OD | Casing ID / Drift ID | Collapse (psi) | Int. Yield (psi) | Ten. Yield (lb) | Jt. Strength (lb) |
|---------------------|-----------|----------------------|----------------|------------------|-----------------|-------------------|
| Surface             | 8 5/8"    | 8.097" / 7.972"      | 1,370          | 2,950            | 381,000         | 244,000           |
| Production (Top)    | 5 1/2"    | 4.892" / 4.767"      | 4,910          | 5,320'           | 273,000         | 229,000           |
| Production (Bottom) | 5 1/2"    | 4.892" / 4.767"      | 6,280          | 7,740            | 397,000         | 348,000           |

**FLOAT EQUIPMENT:**

SURFACE (8 5/8")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 4<sup>th</sup> joint to surface

PRODUCTION (5 1/2")

Float Shoe, 1 joint casing, float collar

Centralizers: 1 each 1<sup>st</sup> 4 Joints then every 3<sup>rd</sup> joint to 500' into surface casing**4. Cementing Programs****CONDUCTOR (13 3/8")**

Ready Mix – Cement to surface

**SURFACE (8 5/8")**

Cement Top - Surface

Surface – 1,000' MD / 1,000' TVD± 550 sks Glass G Cement w/ additives, 15.8 ppg, 1.16 cf/sx, 50% excess

Note: The above volumes are based on a gauge-hole + 50% excess.

**PRODUCTION (5 1/2")**

Cement Top – 500'

500' - 4,000' TVD ±

Lead: 225 sks – Econocem Cement w/ 0.25 lbm Poly-E-Flake, 1% Granulite TR 1/4, 5 lbm Kol-Seal; 11.0 ppg; 3.54 cf/sx; 15% excess

4,000' – 6,985' MD / 6,975' TVD

Tail: 450 sks, Expandacem Cement w/ 0.25 lbm Poly-E-Flake, 1 lbm Granulite TR 1/4, 2 lbm Kol-Seal; 14.0 pp; 1.349 cf/sk; 15% excess

Note: Lead Cement will be brought to 4,000' which will give a minimum of 500' above Lower Green River.

- A) For Surface casing, if cement falls or does not circulate to surface, cement will be topped off.
- B) Cement will not be placed down annulus with a 1" pipe unless BLM is contacted.
- C) The appropriate agencies will be notified 24 hours prior to running casing and cementing.
- D) All waiting on cement times shall be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe (minimum of 8 hours) prior to drilling out.
- E) Prior to drilling out cement, casing will be pressure tested to 1500 psi. Pressure decline must not be greater than 10% (150 psi) in 30 minutes.
- F) "Sundry Notices and Reports on Wells", shall be filed with the appropriate agencies within 30 days after the work is completed.
- G) Setting of each string of casing, size, grade, weight of casing set, hole size, setting depth, amounts and type of cement used, whether cement circulated or the top of the cement behind the casing, depth of cementing tools used, casing test method and results, and the date work was done. Show the spud date on the first reports submitted.
- H) Temperature or bond logs must be submitted for each well where the casing cement was not circulated to the surface.
- I) A pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed after drilling 5-10 feet of new hole.

**5. Mud Program**

The proposed circulating mediums to be employed in drilling are as follows:

| Interval  | Mud Type       | Viscosity | Fluid Loss      | pH       | Mud Wt. (ppg) |
|---|----------------|-----------|-----------------|----------|---------------|
| 0 – 1,000' MD / 1,000' TVD                      | Water/Spud Mud | 32        | No Control (NC) | 7.0 -8.2 | <8.8          |
| 1,000' MD / 1,000' TVD - 6,985' MD / 6,975' TVD | DAP System     | 40 - 60   | 10 - 18         | 7.0-8.2  | <10.0         |

- A) Sufficient quantities of mud materials will be maintained or readily accessible for the purpose of assuring well control during the course of drilling operations. A mud test shall be performed every 24 hours after mudding up to determine, as applicable: density, viscosity, gel strength, filtration, and pH.
- B) The mud monitoring equipment on location will be installed by top of Green River and will be able to monitor at a minimum the pit volume totalizer (PVT), stroke counter, and flow sensor
- C) Flare line discharge will be located no less than 100 feet from the wellhead using straight or targeted 'T' and anchors.

**6. Evaluation Program - Testing, Logging, and Coring**

- A) Cores: None anticipated.
- B) Testing: None anticipated.
- C) Directional Drilling: Directional tools will be used to locate the bottom hole per the attached directional plan +/-.
- D) Open Hole Logs: TD to surface casing: resistivity, neutron density, gamma ray and caliper.
- E) Mud Logs: None anticipated.
- F) Formation to TD; record and monitor gas shows and record drill times (normal mud logging duties).

**7. Anticipated Pressures and H.S.**

- A) The expected bottom hole pressure is 3,500 – 3,650 psig. Normal pressures are anticipated from surface to approximately TD. These pressures will be controlled by a blowout preventer stack, annular BOP, choke manifold, mud/gas separator, surface equipment and drilling mud. A supply of barite to weight the mud to a balancing specific gravity, if necessary, will be on location.
- B) Maximum expected surface pressure will be based on the frac gradient of the casing shoe. The design of the casing assumes that the MASP will be the fracture pressure at the shoe less a column of gas.
- C) No hydrogen sulfide gas is anticipated, however if H<sub>2</sub>S is encountered, published guidelines will be complied with.

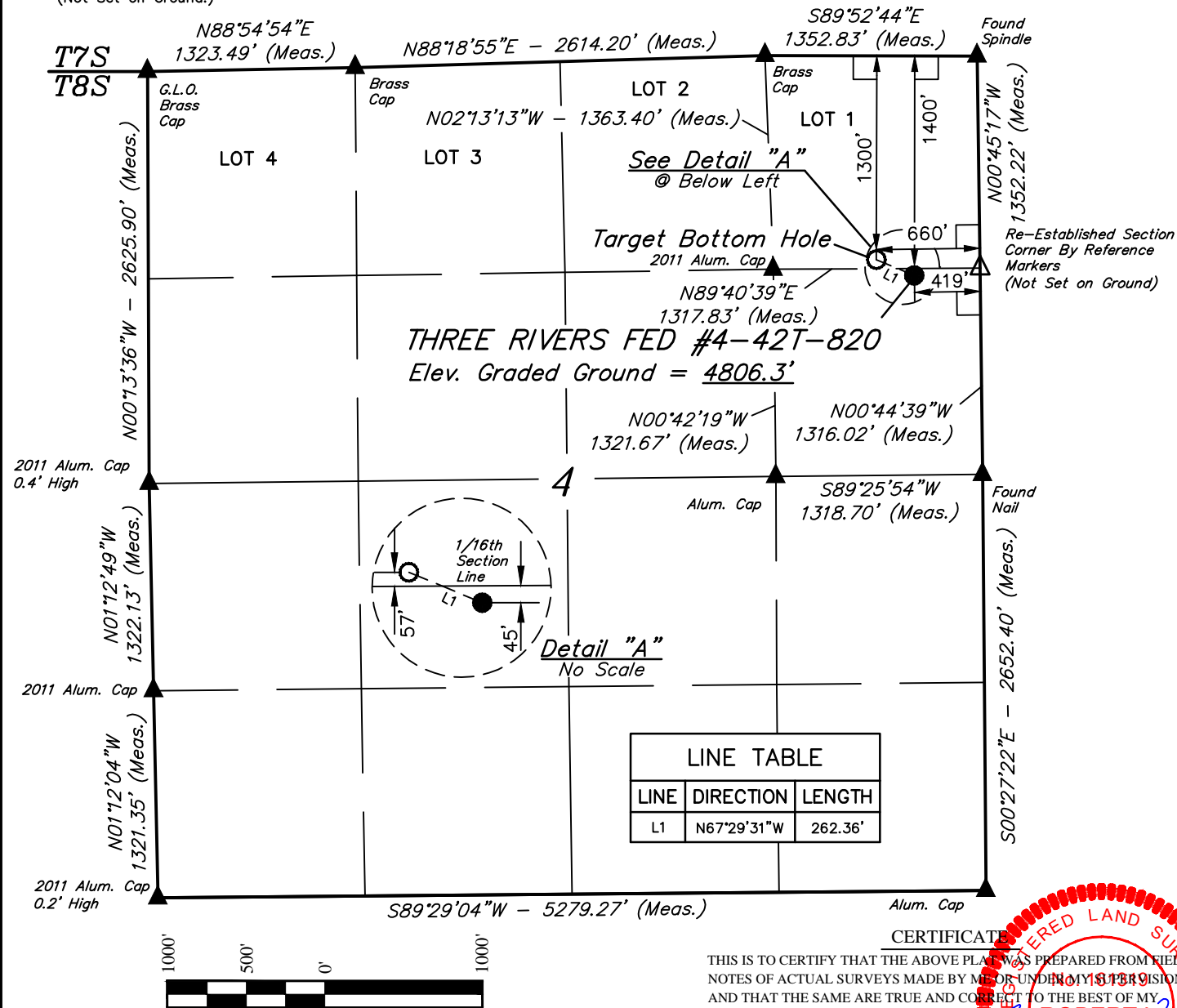
**8. Other Information and Notification Requirements**

- A) There shall be no deviation from the proposed drilling plan as approved. Any changes in operation must have prior approval from the appropriate agency.
  - 1) Anticipated starting date will be upon approval. It is anticipated that completion operations will begin within 15 days after the well has been drilled.
  - 2) It is anticipated that the drilling and completion of this well will take approximately 90 days.
- B) Agency required notifications will be followed as outline in the approved APD.
- C) Should the well be successfully completed for production, the appropriate agencies must be notified when it is placed in a producing status. The notification shall provide, as a minimum, the following information items:

- . Operator name, address, and telephone number.
- . Well name and number.
- . Well location (1/4 1/4, Section, Township, Range and Meridian)
- . Date well was placed in a producing status (date of first production for which royalty will be paid).
- . The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
- . The lease prefix and number on which the well is located. As appropriate, the unit agreement name, number and participating area name. As appropriate, the communitization agreement number.

**LEGEND:**

- = 90° SYMBOL  
 = PROPOSED WELLHEAD.  
 = TARGET BOTTOM HOLE.  
 = SECTION CORNERS LOCATED.  
 = SECTION CORNERS RE-ESTABLISHED.  
 (Not Set on Ground.)



| NAD 83 (TARGET BOTTOM HOLE)            | NAD 83 (SURFACE LOCATION)              |
|--|--|
| LATITUDE = 40°09'19.72" (40.155478)    | LATITUDE = 40°09'18.72" (40.155200)    |
| LONGITUDE = 109°39'59.69" (109.666581) | LONGITUDE = 109°39'56.57" (109.665714) |

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION

**BASIS OF ELEVATION**

BENCH MARK (38EAM) LOCATED IN THE SW 1/4 OF SECTION 9, T7S, R20E, S.L.B.&M. TAKEN FROM THE PELICAN LAKE, QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE QUAD (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4942 FEET.



**UELS, LLC**  
 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**ULTRA RESOURCES, INC.**

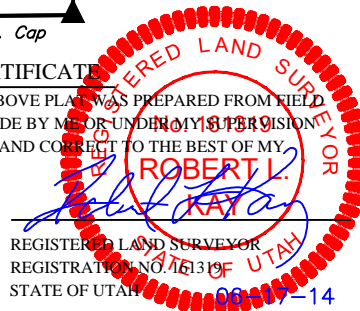
**THREE RIVERS FED #4-42T-820**  
**SE 1/4 NE 1/4, SECTION 4, T8S, R20E, S.L.B.&M.**  
**UINTAH COUNTY, UTAH**

|                         |                       |
|-------------------------|-----------------------|
| SURVEYED BY: R.R., M.P. | SURVEY DATE: 05-07-14 |
| DRAWN BY: H.W.          | DATE DRAWN: 05-16-14  |
| SCALE: 1" = 1000'       | REVISED: 00-00-00     |

**WELL LOCATION PLAT****CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 16319  
 STATE OF UTAH



RECEIVED: August 01, 2016



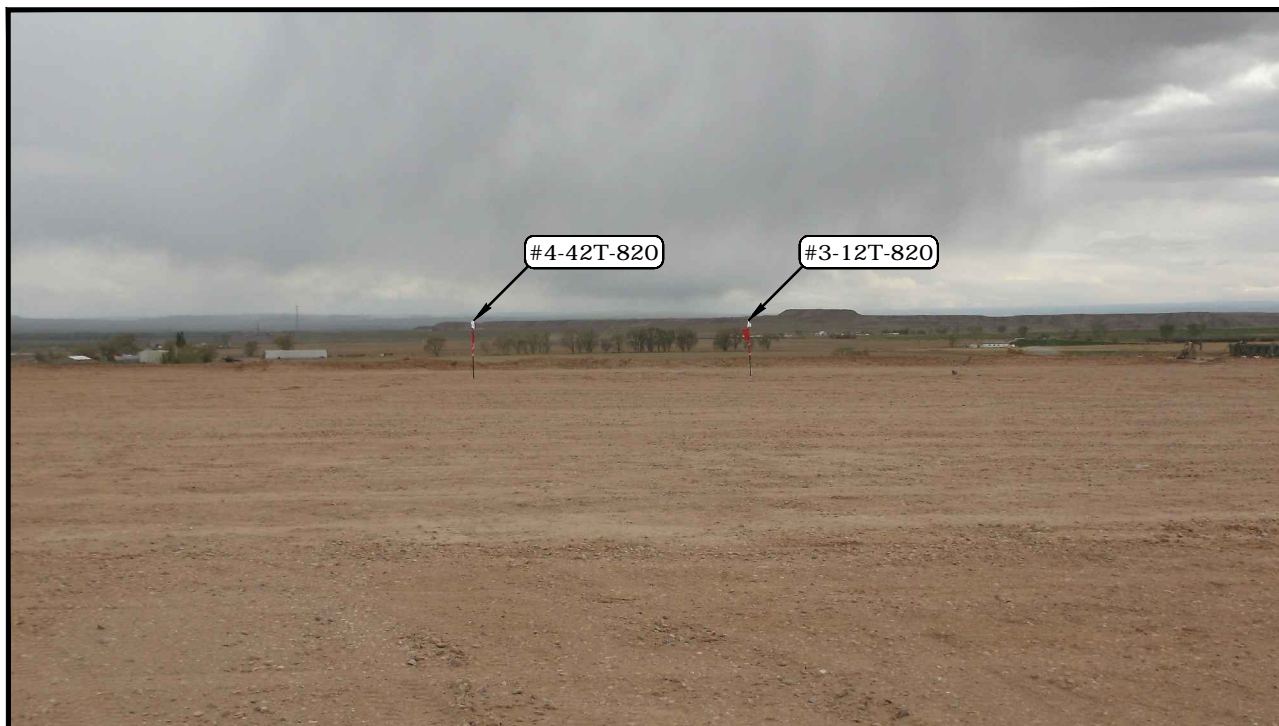


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKES

CAMERA ANGLE: SOUTHERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: WESTERLY

### ULTRA RESOURCES, INC.

THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4



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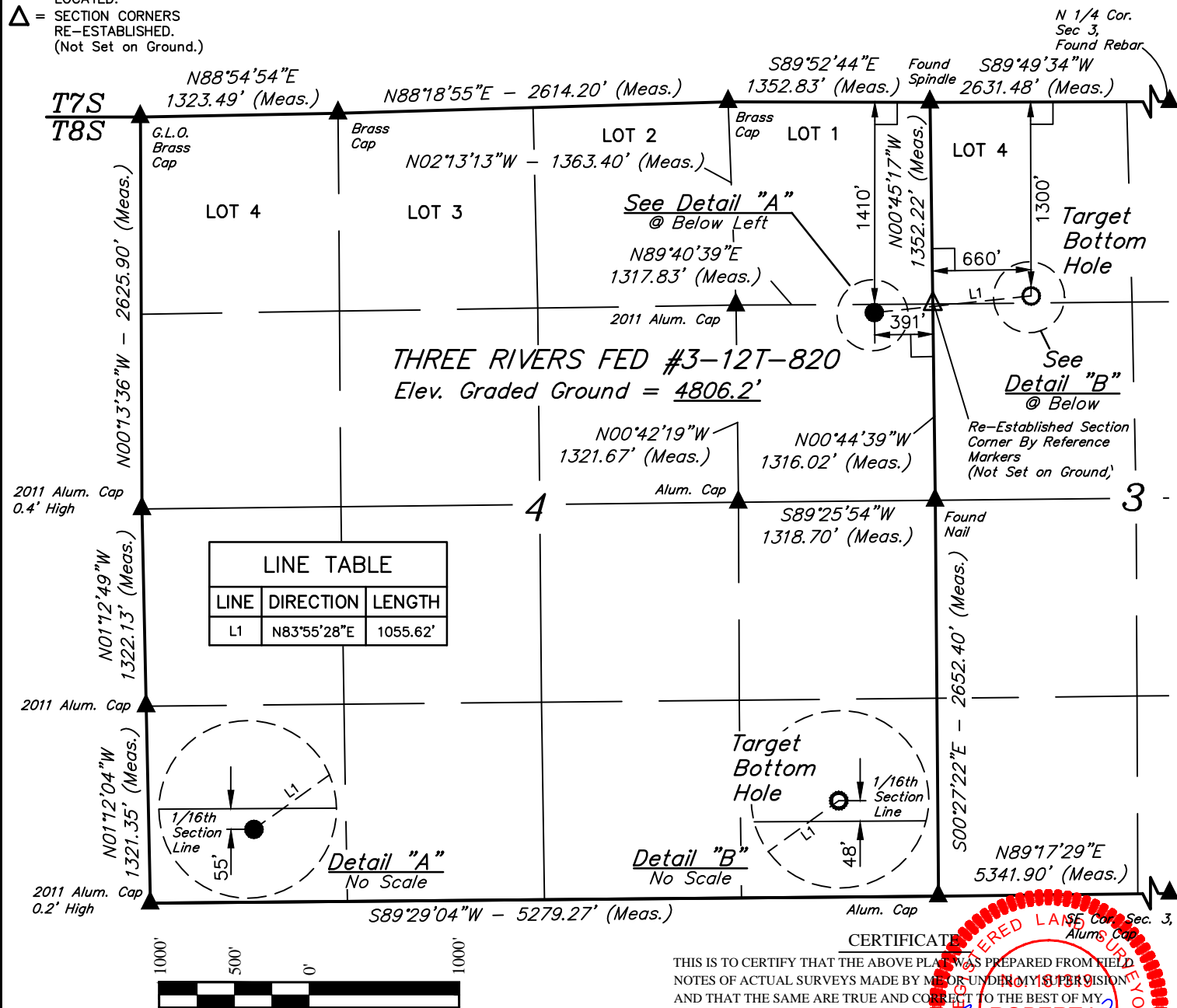
|                        |                      |
|------------------------|----------------------|
| DRAWN BY: S.O.         | TAKEN BY: M.P.       |
| DATE DRAWN: 06-13-13   | REV: 05-30-14 Z.H.F. |
| <b>LOCATION PHOTOS</b> | <b>PHOTO</b>         |

RECEIVED: August 01, 2016



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| LONGITUDE = 109°39'42.69" (109.661858) | LONGITUDE = 109°39'56.21" (109.665614) |

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**THREE RIVERS FED #3-12T-820**  
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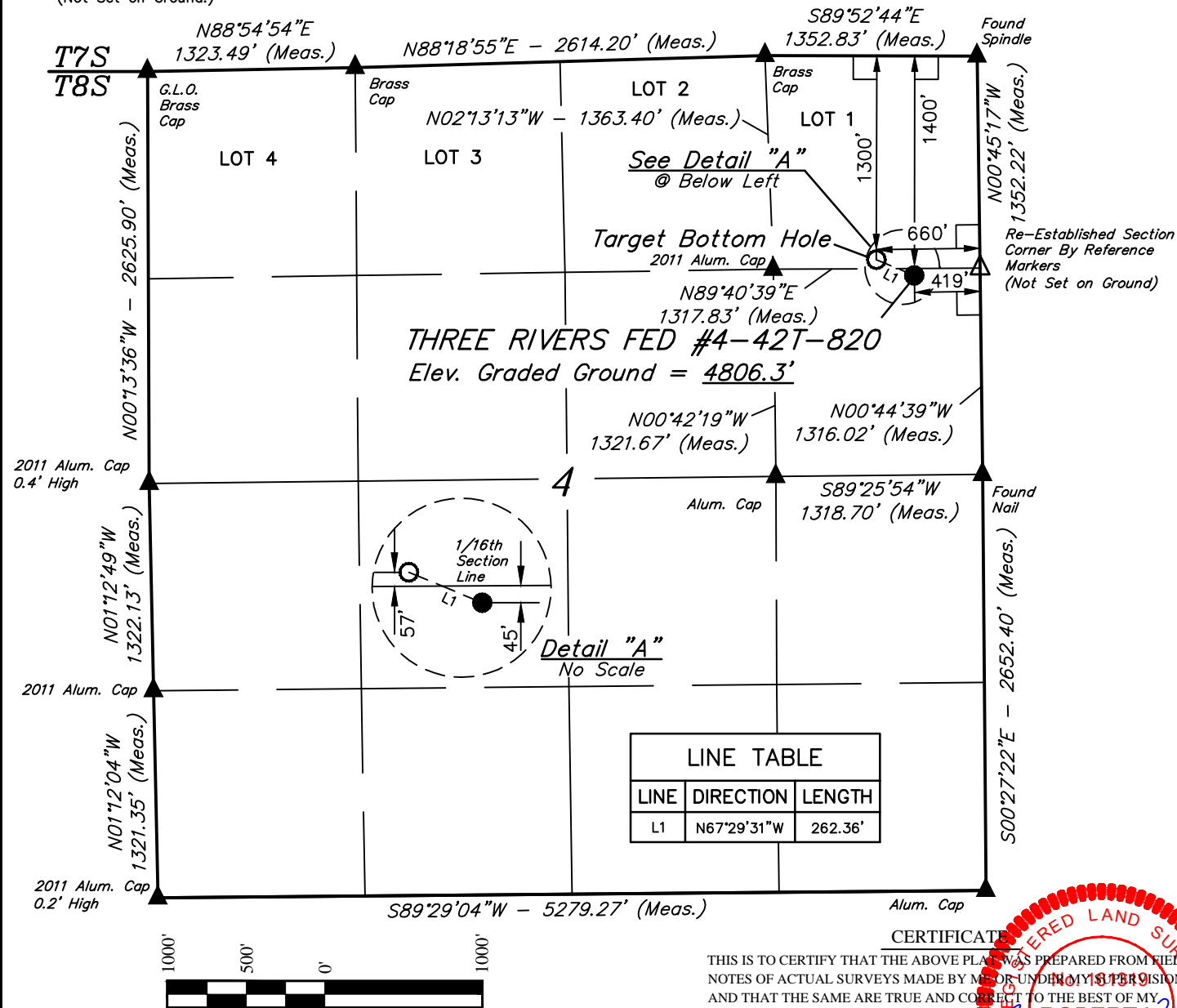
|                         |                       |
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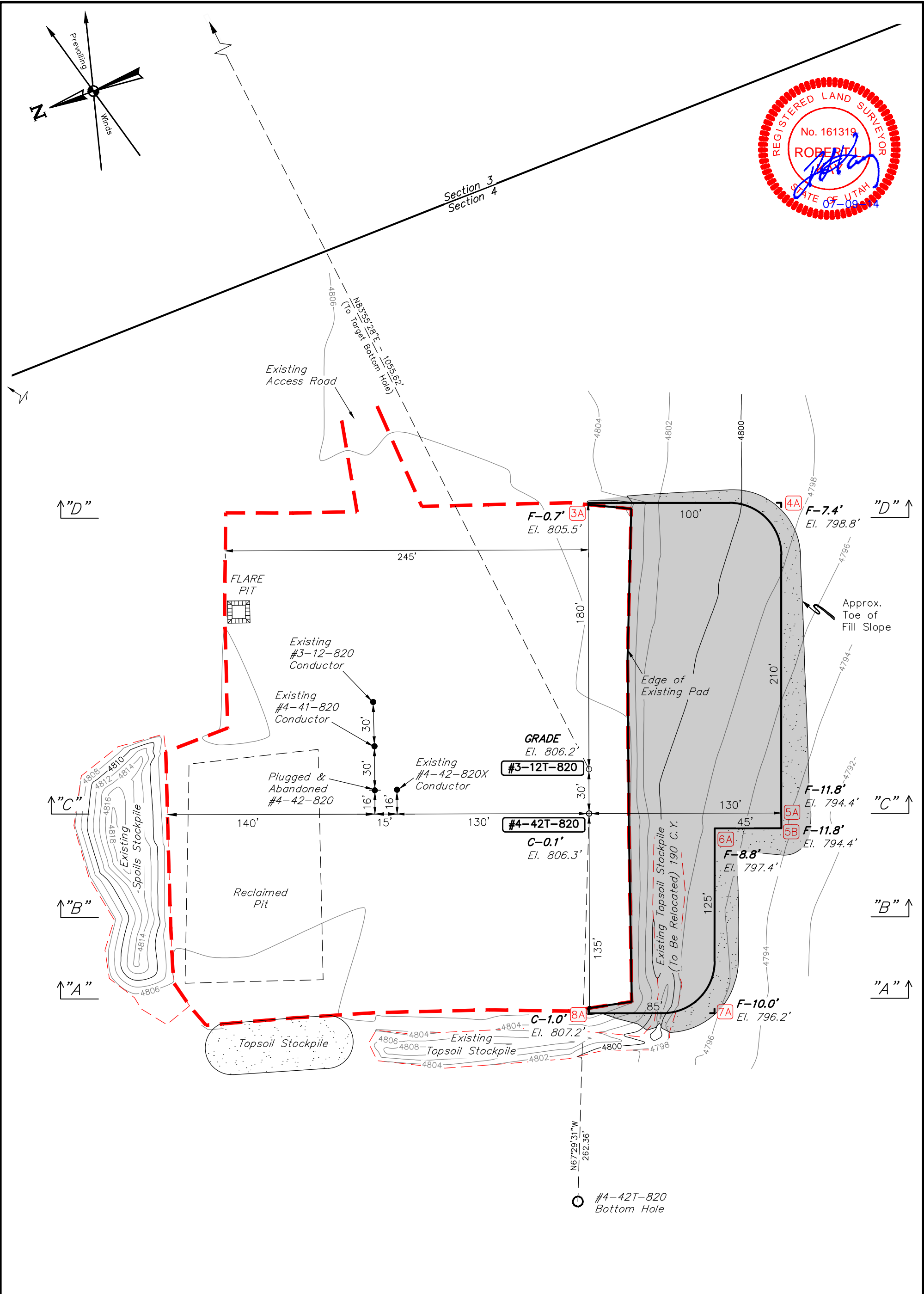
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 STATE OF UTAH

RECEIVED: August 01, 2016



FINISHED GRADE ELEVATION = 4806.2'

- NOTES:
- Flare pit is to be located a min. of 100' from the wellhead.
  - Round corners at 35' radius or as needed.
  - Contours shown at 2' intervals.
  - Underground utilities shown on this sheet are for visualization purposes only, actual locations to be determined prior to construction.

ULTRA RESOURCES, INC.

THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4

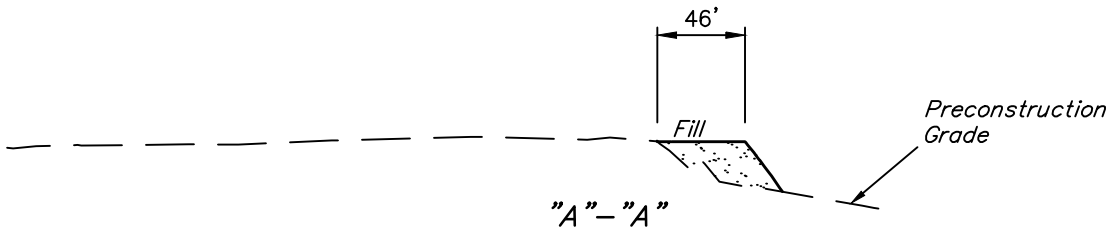
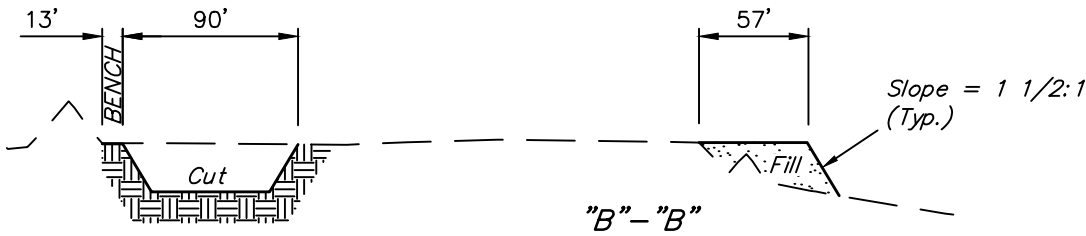
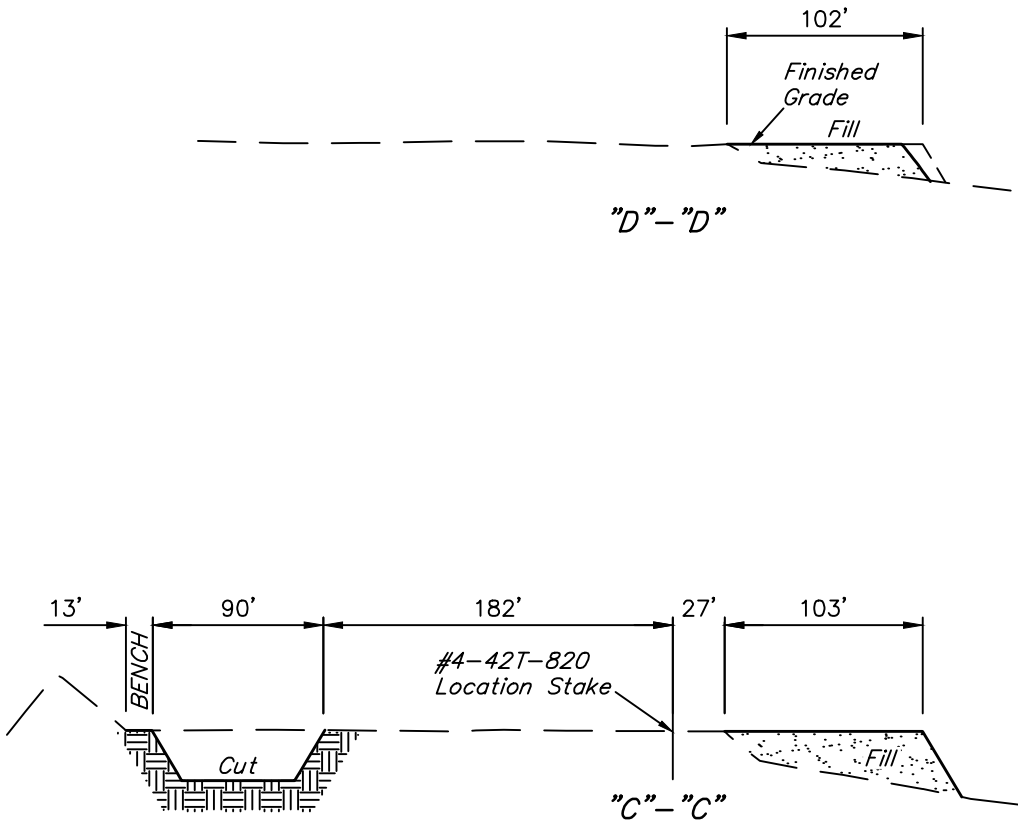
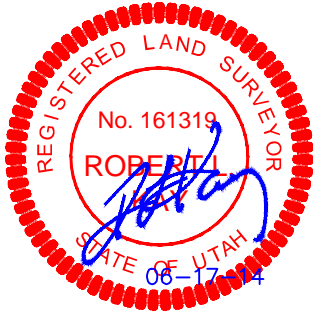


UELS, LLC  
Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                 |                        |
|-----------------|------------------------|
| DRAWN BY: H.W.  | DATE DRAWN: 05-19-14   |
| SCALE: 1" = 60' | REVISED: 07-08-14 J.J. |
| LOCATION LAYOUT | FIGURE #1              |

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1" = 40'  
X-Section  
Scale  
1" = 100'



| APPROXIMATE EARTHWORK QUANTITIES  |                       |
|---|-----------------------|
| (6") TOPSOIL STRIPPING  | 700 Cu. Yds.          |
| REMAINING LOCATION  | 0 Cu. Yds.            |
| <b>TOTAL CUT</b>  | <b>700 Cu. Yds.</b>   |
| <b>FILL</b>   | <b>9,230 Cu. Yds.</b> |
| DEFICIT MATERIAL  | 8,530 Cu. Yds.        |
| TOPSOIL   | 700 Cu. Yds.          |
| <b>DEFICIT UNBALANCE</b><br>(Obtain Deficit Material from Approved Borrow Area) | <b>9,230 Cu. Yds.</b> |

| APPROXIMATE SURFACE DISTURBANCE AREAS |          |        |
|---------------------------------------|----------|--------|
|                                       | DISTANCE | ACRES  |
| EXISTING WELL SITE DISTURBANCE        | NA       | ±2.919 |
| PROPOSED EXPANSION DISTURBANCE        | NA       | ±0.671 |
|                                       |          |        |
| <b>TOTAL SURFACE USE AREA</b>         | NA       | ±3.59  |

ULTRA RESOURCES, INC.

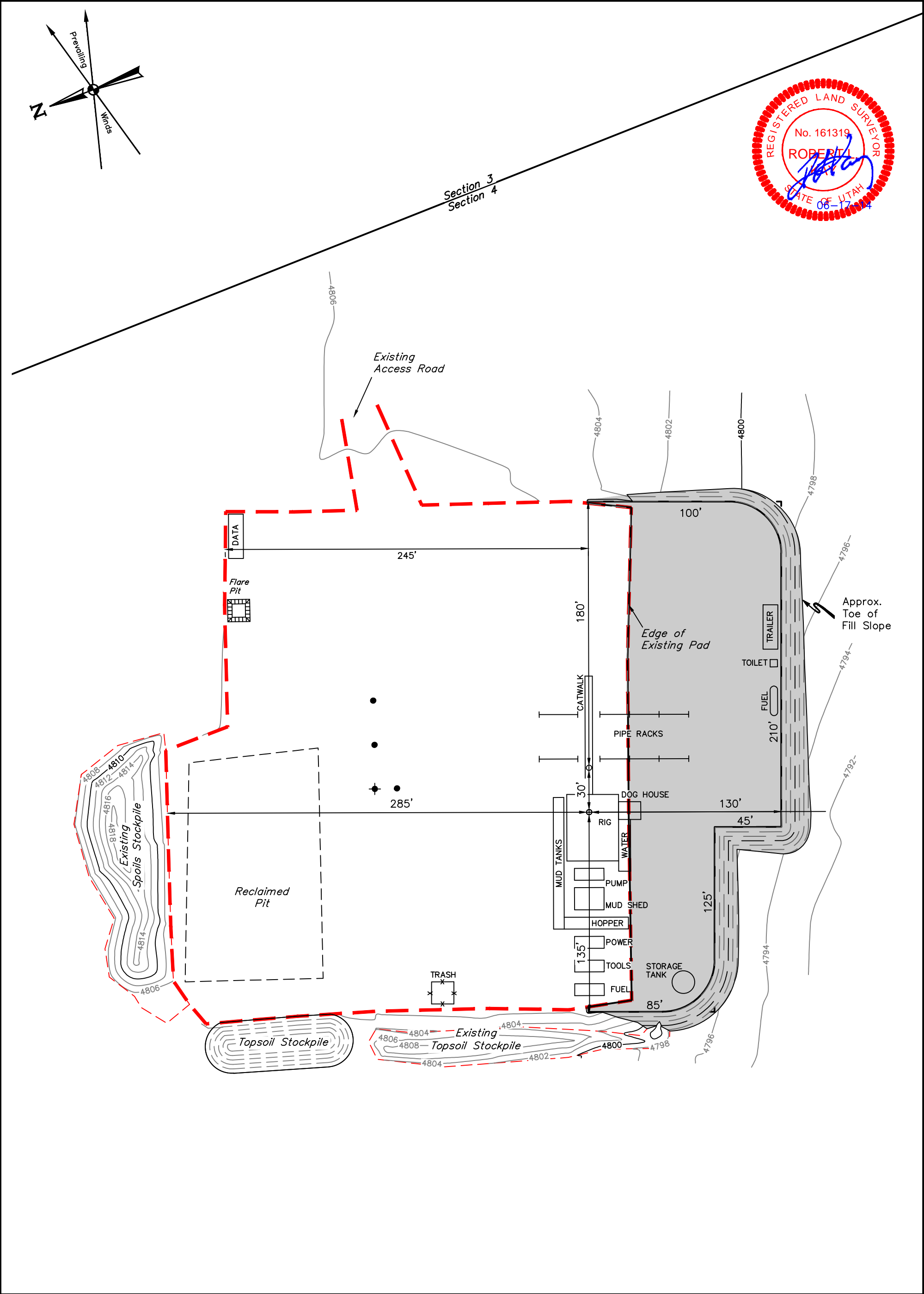
- NOTES:**
- Fill quantity includes 5% for compaction.
  - Calculations based on 6" of topsoil stripping (New construction only).
  - Topsoil should not be stripped below finished grade on substructure area.

**THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4**



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|                               |                      |
|-------------------------------|----------------------|
| DRAWN BY: H.W.                | DATE DRAWN: 05-19-14 |
| SCALE: AS SHOWN               | REVISED: 00-00-00    |
| <b>TYPICAL CROSS SECTIONS</b> | <b>FIGURE #2</b>     |



- NOTES:**
- Flare pit is to be located a min. of 100' from the wellhead.
  - Contours shown at 2' intervals.

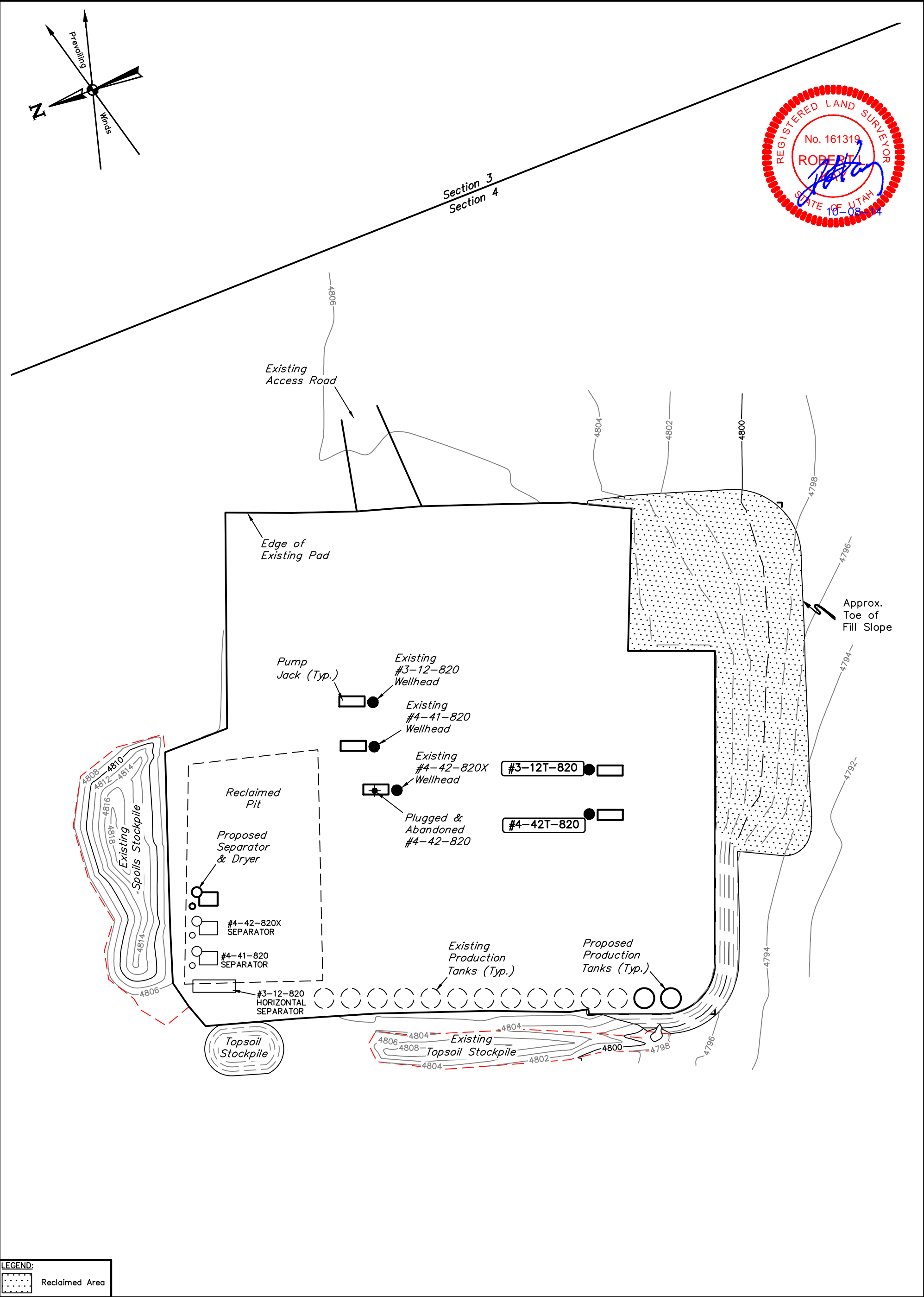
**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4**



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|                           |                      |
|---------------------------|----------------------|
| DRAWN BY: H.W.            | DATE DRAWN: 05-19-14 |
| SCALE: 1" = 60'           | REVISED: 00-00-00    |
| <b>TYPICAL RIG LAYOUT</b> | <b>FIGURE #3</b>     |



**LEGEND:**

Reclaimed Area

APPROXIMATE UN-RECLAIMED ACREAGE = ±3.004 ACRES

ULTRA RESOURCES, INC.

- NOTES:**
- Contours shown at 2' intervals.

THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4



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Vernal, UT 84078 \* (435) 789-1017

|                                   |                      |
|-----------------------------------|----------------------|
| DRAWN BY: H.W.                    | DATE DRAWN: 10-06-14 |
| SCALE: 1" = 60'                   | REVISED: 00-00-00    |
| <b>PRODUCTION FACILITY LAYOUT</b> | <b>FIGURE #4</b>     |

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PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF THIS ROAD AND STATE HIGHWAY 88 TO THE SOUTH; TURN LEFT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY, THEN SOUTHERLY DIRECTION APPROXIMATELY 11.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 157' TO THE EXISTING THREE RIVERS FED #4-41-820, #4-42-820, #3-12-820 & #4-42-820X AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 25.8 MILES.

# **ULTRA RESOURCES, INC.**

THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4

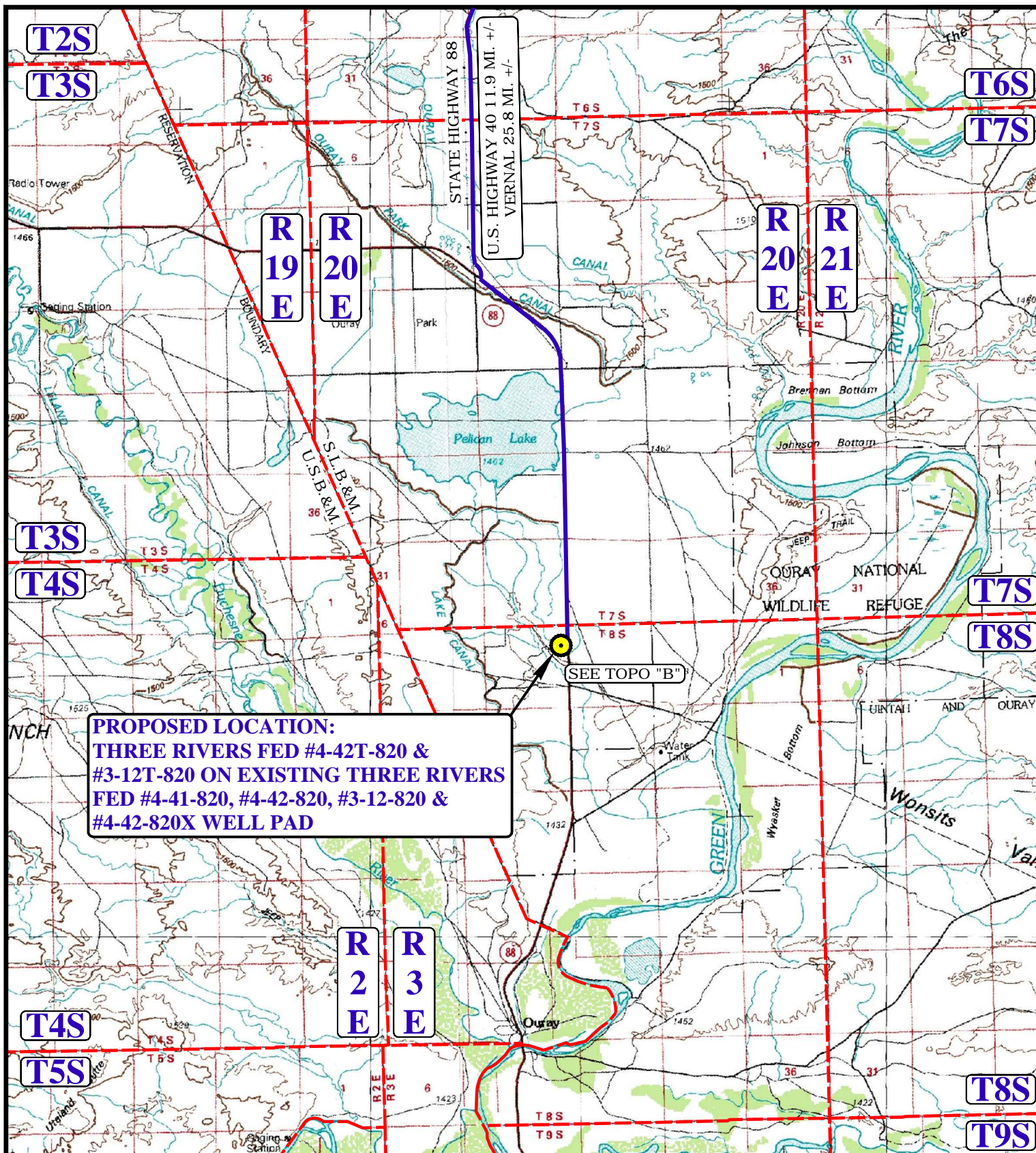


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Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017

|                         |                      |
|-------------------------|----------------------|
| DRAWN BY: S.O.          |                      |
| DATE DRAWN: 06-13-13    | REV: 05-30-14 Z.H.F. |
| <b>ROAD DESCRIPTION</b> |                      |

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**LEGEND:**

 **PROPOSED LOCATION**



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 Corporate Office \* 85 South 200 East  
 Vernal, UT 84078 \* (435) 789-1017

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #4-42T-820 & #3-12T-820 ON EXISTING THREE RIVERS FED #4-41-820, #4-42-820, #3-12-820 & #4-42-820X WELL PAD  
 SECTION 4, T8S, R20E, S.L.B.&M.  
 SE 1/4 NE 1/4**

DRAWN BY: S.O.

SCALE: 1:100,000

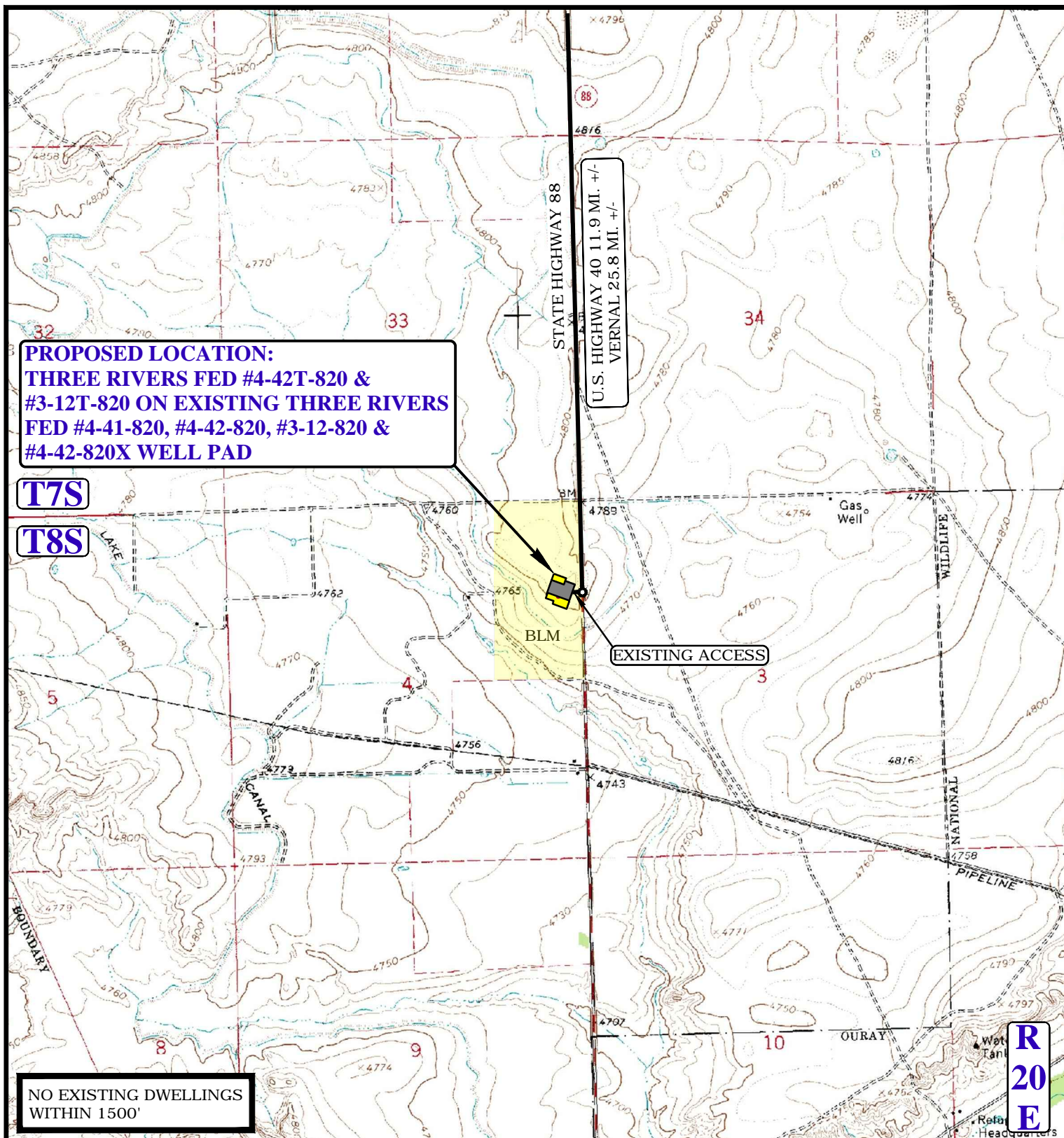
DATE DRAWN: 06-13-13

REV: 05-30-14 Z.H.F.

**ACCESS ROAD MAP****TOPO A**

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NOTE: PARCEL DATA SHOWN HAS BEEN OBTAINED FROM VARIOUS SOURCES AND SHOULD BE USED FOR MAPPING, GRAPHIC AND PLANNING PURPOSES ONLY. NO WARRANTY IS MADE BY UINTAH ENGINEERING AND LAND SURVEYING (UELS) FOR ACCURACY OF THE PARCEL DATA.

#### LEGEND:

EXISTING ROAD

#### ULTRA RESOURCES, INC.

THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
 EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
 #3-12-820 & #4-42-820X WELL PAD  
 SECTION 4, T8S, R20E, S.L.B.&M.  
 SE 1/4 NE 1/4

DRAWN BY: S.O.

SCALE: 1" = 2000'

DATE DRAWN: 06-13-13

REV: 05-30-14 Z.H.F.

**ACCESS ROAD MAP**

**TOPO B**

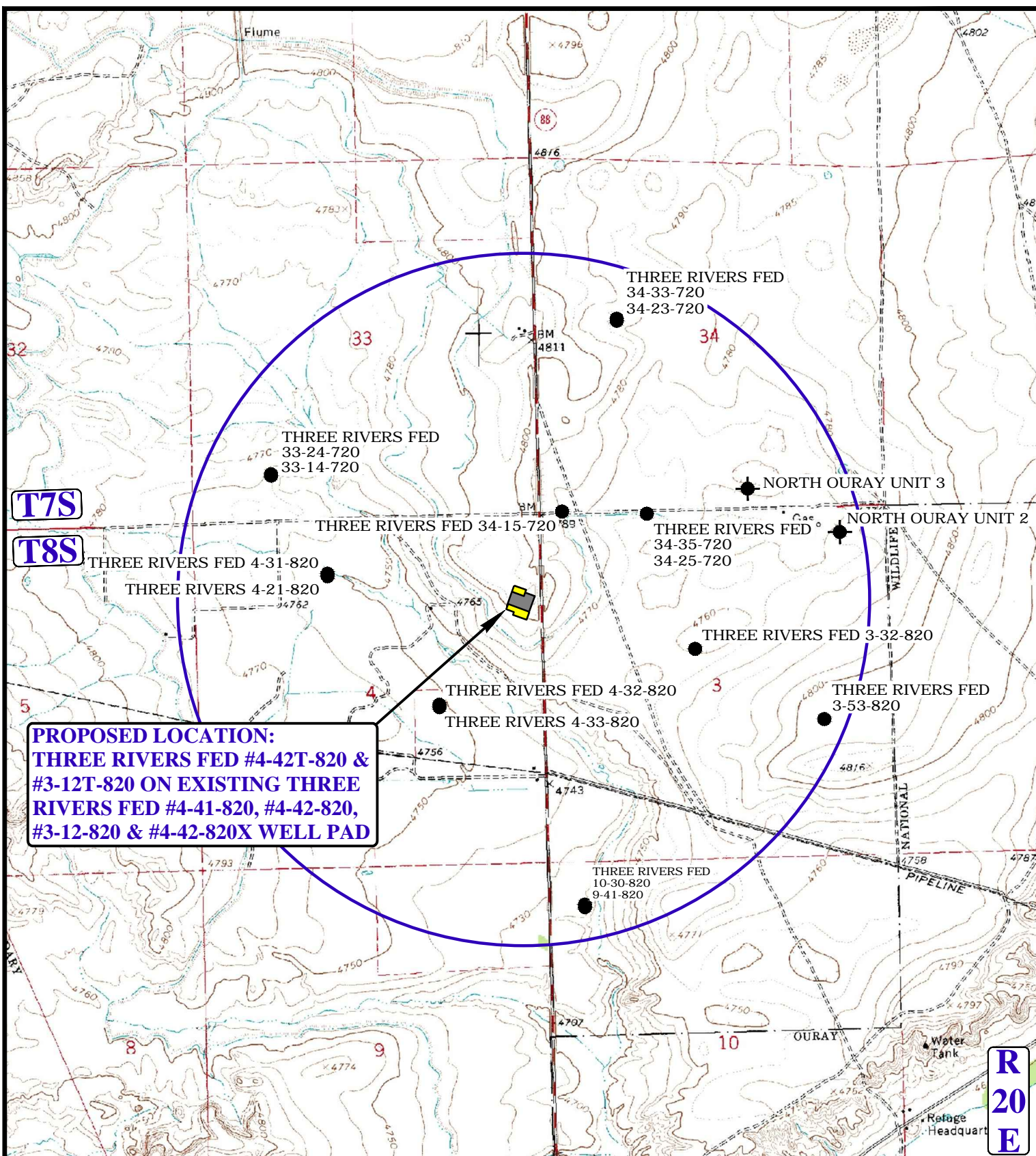


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 Vernal, UT 84078 \* (435) 789-1017



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**LEGEND:**

-  DISPOSAL WELLS     
  WATER WELLS  
 PRODUCING WELLS     
  ABANDONED WELLS  
 SHUT IN WELLS     
  TEMPORARILY ABANDONED

**ULTRA RESOURCES, INC.**

**THREE RIVERS FED #4-42T-820 & #3-12T-820 ON  
EXISTING THREE RIVERS FED #4-41-820, #4-42-820,  
#3-12-820 & #4-42-820X WELL PAD  
SECTION 4, T8S, R20E, S.L.B.&M.  
SE 1/4 NE 1/4**

DRAWN BY: S.O.

SCALE: 1" = 2000'

DATE DRAWN: 06-13-13

REV: 05-30-14 Z.H.F.

## WELL PROXIMITY MAP

## TOPO C



**UELS, LLC**

**Corporate Office \* 85 South 200 East  
Vernal, UT 84078 \* (435) 789-1017**



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# ULTRA RESOURCES, INC

Location: Three Rivers Slot: Three Rivers Fed 04-42T-820 (1400' FNL &amp; 419' FEL)

Field: UINTAH COUNTY Well: Three Rivers Fed 04-42T-820

Facility: Sec.04-T8S-R20E Wellbore: Three Rivers Fed 04-42T-820 PWB

## Targets

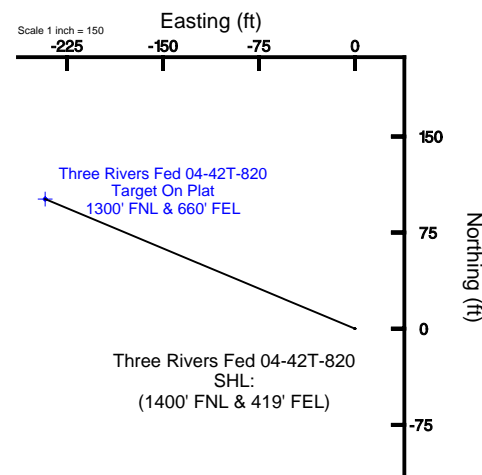
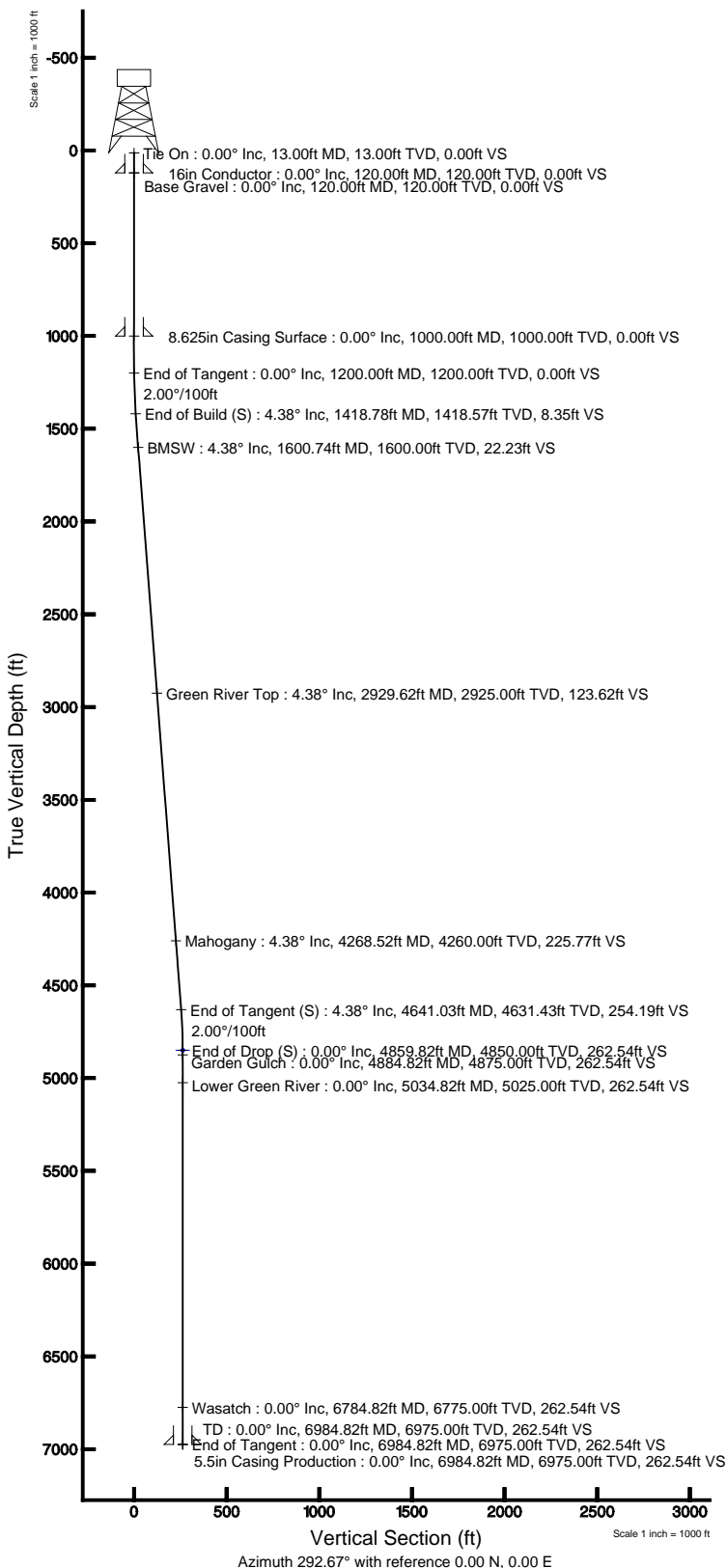
| Name  | MD (ft) | TVD (ft) | Local N (ft) | Local E (ft) | Grid East (US ft) | Grid North (US ft) | Latitude      | Longitude      |
|---|---------|----------|--------------|--------------|-------------------|--------------------|---------------|----------------|
| Three Rivers Fed 04-42T-820 Target On Plat 1300' FNL & 660' FEL | 4859.82 | 4850.00  | 101.19       | -242.26      | 2153039.37        | 7239039.49         | 40°09'19.72"N | 109°29'55.60"W |

## Well Profile Data

| Design Comment     | MD (ft) | Inc (°) | Az (°)  | TVD (ft) | Local N (ft) | Local E (ft) | DLS (°/100ft) | VS (ft) |
|--------------------|---------|---------|---------|----------|--------------|--------------|---------------|---------|
| Tie On             | 13.00   | 0.00    | 292.671 | 13.00    | 0.00         | 0.00         | 0.00          | 0.00    |
| End of Tangent     | 1200.00 | 0.00    | 292.671 | 1200.00  | 0.00         | 0.00         | 0.00          | 0.00    |
| End of Build (S)   | 1418.78 | 4.376   | 292.671 | 1418.57  | 3.22         | -7.70        | 2.00          | 8.35    |
| End of Tangent (S) | 4641.03 | 4.376   | 292.671 | 4631.43  | 97.98        | -234.55      | 0.00          | 254.19  |
| End of Drop (S)    | 4859.82 | 0.00    | 292.671 | 4850.00  | 101.19       | -242.26      | 2.00          | 262.54  |
| End of Tangent     | 6984.82 | 0.00    | 292.671 | 6975.00  | 101.19       | -242.26      | 0.00          | 262.54  |

## Location Information

| Facility Name   | Grid East (US ft) | Grid North (US ft) | Latitude       | Longitude  |
|---|-------------------|--------------------|----------------|--|
| Sec. 04 T8S-R20E  | 2153037.811       | 7239055.135        | 40°09'20.112"N | 109°29'55.607"W  |
| Shot  | Local N (ft)      | Local E (ft)       | Latitude       | Longitude  |
| Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL)  | -140.66           | -69.79             | 2153039.625    | 7239039.282  |
| Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) RTI to Mud line (SI) Dist: Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) |                   |                    | 4819.39        |  |
| Mean Sea Level to Mud line (SI) Dist: Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL)  |                   |                    | 0              |  |
| Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) RTI to Mean Sea Level   |                   |                    | 4819.39        |  |
| Plot reference wellpath to Three Rivers Fed 04-42T-820 PWP  |                   |                    |                |  |
| True vertical depths are referenced to Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT)                                   |                   |                    |                | Grid System: NAD83 / Lambert Utah SP, Central Zone (4302), US feet |
| Measured depths are referenced to Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT)  |                   |                    |                | North Reference: True north  |
| Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) to Mean Sea Level: 4819.3 feet   |                   |                    |                | Scale: True distance   |
| Mean Sea Level to Mud line (SI) Dist: Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL); 0 feet  |                   |                    |                | Depths are in feet   |
| Coordinates are in feet referenced to Shot  |                   |                    |                | Created by: wellbore on 10/27/2014                                 |





## Planned Wellpath Report

Three Rivers Fed 04-42T-820 PWP

Page 1 of 5



### REFERENCE WELLPATH IDENTIFICATION

|          |                      |          |  |
|----------|----------------------|----------|--|
| Operator | ULTRA RESOURCES, INC | Slot     | Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) |
| Area     | Three Rivers         | Well     | Three Rivers Fed 04-42T-820                        |
| Field    | UINTAH COUNTY        | Wellbore | Three Rivers Fed 04-42T-820 PWB                    |
| Facility | Sec.04-T8S-R20E      |          |  |

### REPORT SETUP INFORMATION

|                     |   |                      |   |
|---------------------|---|----------------------|---|
| Projection System   | NAD83 / Lambert Utah SP, Central Zone (4302), US feet | Software System      | WellArchitect® 3.0.0                                |
| North Reference     | True  | User                 | EWilliams   |
| Scale               | 0.999914  | Report Generated     | 10/27/2014 at 9:40:50 AM                            |
| Convergence at slot | 1.18° East  | Database/Source file | WellArchitectDB/Three_Rivers_Fed_04-42T-820_PWB.xml |

### WELLPATH LOCATION

|                       | Local coordinates |          | Grid coordinates |                 | Geographic coordinates |                 |
|-----------------------|-------------------|----------|------------------|-----------------|------------------------|-----------------|
|                       | North[ft]         | East[ft] | Easting[US ft]   | Northing[US ft] | Latitude               | Longitude       |
| Slot Location         | -140.66           | -59.79   | 2153070.63       | 7230513.29      | 40°09'18.720"N         | 109°39'56.570"W |
| Facility Reference Pt |                   |          | 2153127.51       | 7230655.14      | 40°09'20.110"N         | 109°39'55.800"W |
| Field Reference Pt    |                   |          | 2156630.96       | 7236613.42      | 40°10'18.270"N         | 109°39'09.100"W |

### WELLPATH DATUM

|                          |  |  |
|--------------------------|--|--|
| Calculation method       | Minimum curvature  | Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) to Facility Vertical Datum  |
| Horizontal Reference Pt  | Slot   | Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) to Mean Sea Level   |
| Vertical Reference Pt    | Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) | Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) to Mud Line at Slot (Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) to Mean Sea Level) |
| MD Reference Pt          | Rig on Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) (RT) | Section Origin   |
| Field Vertical Reference | Mean Sea Level   | Section Azimuth  |



# Planned Wellpath Report

Three Rivers Fed 04-42T-820 PWP

Page 2 of 5



## REFERENCE WELLPATH IDENTIFICATION

|          |                      |          |  |
|----------|----------------------|----------|--|
| Operator | ULTRA RESOURCES, INC | Slot     | Three Rivers Fed 04-42T-820 (1400' ENL & 419' FEL) |
| Area     | Three Rivers         | Well     | Three Rivers Fed 04-42T-820                        |
| Field    | UINTAH COUNTY        | Wellbore | Three Rivers Fed 04-42T-820 PWB                    |
| Facility | Sec.04-T8S-R20E      |          |  |

## WELLPATH DATA (83 stations) † = interpolated/extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Latitude       | Longitude       | DLS<br>[°/100ft] | Comments        |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|-----------------|
| 0.00†      | 0.000              | 292.671        | 0.00        | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 13.00      | 0.000              | 292.671        | 13.00       | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 113.00†    | 0.000              | 292.671        | 113.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 120.00†    | 0.000              | 292.671        | 120.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             | Base Gravel     |
| 213.00†    | 0.000              | 292.671        | 213.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 313.00†    | 0.000              | 292.671        | 313.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 413.00†    | 0.000              | 292.671        | 413.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 513.00†    | 0.000              | 292.671        | 513.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 613.00†    | 0.000              | 292.671        | 613.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 713.00†    | 0.000              | 292.671        | 713.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 813.00†    | 0.000              | 292.671        | 813.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 913.00†    | 0.000              | 292.671        | 913.00      | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 1013.00†   | 0.000              | 292.671        | 1013.00     | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 1113.00†   | 0.000              | 292.671        | 1113.00     | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 1200.00    | 0.000              | 292.671        | 1200.00     | 0.00              | 0.00          | 0.00         | 40°09'18.720"N | 109°39'56.570"W | 0.00             |                 |
| 1213.00†   | 0.260              | 292.671        | 1213.00     | 0.03              | 0.01          | -0.03        | 40°09'18.720"N | 109°39'56.570"W | 2.00             |                 |
| 1313.00†   | 2.260              | 292.671        | 1312.97     | 2.23              | 0.86          | -2.06        | 40°09'18.728"N | 109°39'56.596"W | 2.00             |                 |
| 1413.00†   | 4.260              | 292.671        | 1412.80     | 7.91              | 3.05          | -7.30        | 40°09'18.750"N | 109°39'56.664"W | 2.00             |                 |
| 1418.78    | 4.376              | 292.671        | 1418.57     | 8.35              | 3.22          | -7.70        | 40°09'18.752"N | 109°39'56.669"W | 2.00             |                 |
| 1513.00†   | 4.376              | 292.671        | 1512.51     | 15.54             | 5.99          | -14.34       | 40°09'18.779"N | 109°39'56.755"W | 0.00             |                 |
| 1600.74†   | 4.376              | 292.671        | 1600.00     | 22.23             | 8.57          | -20.51       | 40°09'18.805"N | 109°39'56.834"W | 0.00             | BMSW            |
| 1613.00†   | 4.376              | 292.671        | 1612.22     | 23.17             | 8.93          | -21.38       | 40°09'18.808"N | 109°39'56.845"W | 0.00             |                 |
| 1713.00†   | 4.376              | 292.671        | 1711.93     | 30.80             | 11.87         | -28.42       | 40°09'18.837"N | 109°39'56.936"W | 0.00             |                 |
| 1813.00†   | 4.376              | 292.671        | 1811.64     | 38.43             | 14.81         | -35.46       | 40°09'18.866"N | 109°39'57.027"W | 0.00             |                 |
| 1913.00†   | 4.376              | 292.671        | 1911.35     | 46.06             | 17.75         | -42.50       | 40°09'18.895"N | 109°39'57.117"W | 0.00             |                 |
| 2013.00†   | 4.376              | 292.671        | 2011.06     | 53.69             | 20.69         | -49.54       | 40°09'18.924"N | 109°39'57.208"W | 0.00             |                 |
| 2113.00†   | 4.376              | 292.671        | 2110.76     | 61.32             | 23.63         | -56.58       | 40°09'18.954"N | 109°39'57.299"W | 0.00             |                 |
| 2213.00†   | 4.376              | 292.671        | 2210.47     | 68.95             | 26.57         | -63.62       | 40°09'18.983"N | 109°39'57.389"W | 0.00             |                 |
| 2313.00†   | 4.376              | 292.671        | 2310.18     | 76.57             | 29.51         | -70.66       | 40°09'19.012"N | 109°39'57.480"W | 0.00             |                 |
| 2413.00†   | 4.376              | 292.671        | 2409.89     | 84.20             | 32.46         | -77.70       | 40°09'19.041"N | 109°39'57.571"W | 0.00             |                 |
| 2513.00†   | 4.376              | 292.671        | 2509.60     | 91.83             | 35.40         | -84.74       | 40°09'19.070"N | 109°39'57.661"W | 0.00             |                 |
| 2613.00†   | 4.376              | 292.671        | 2609.31     | 99.46             | 38.34         | -91.78       | 40°09'19.099"N | 109°39'57.752"W | 0.00             |                 |
| 2713.00†   | 4.376              | 292.671        | 2709.02     | 107.09            | 41.28         | -98.82       | 40°09'19.128"N | 109°39'57.843"W | 0.00             |                 |
| 2813.00†   | 4.376              | 292.671        | 2808.72     | 114.72            | 44.22         | -105.86      | 40°09'19.157"N | 109°39'57.933"W | 0.00             |                 |
| 2913.00†   | 4.376              | 292.671        | 2908.43     | 122.35            | 47.16         | -112.90      | 40°09'19.186"N | 109°39'58.024"W | 0.00             |                 |
| 2929.62†   | 4.376              | 292.671        | 2925.00     | 123.62            | 47.65         | -114.07      | 40°09'19.191"N | 109°39'58.039"W | 0.00             | Green River Top |
| 3013.00†   | 4.376              | 292.671        | 3008.14     | 129.98            | 50.10         | -119.94      | 40°09'19.215"N | 109°39'58.115"W | 0.00             |                 |
| 3113.00†   | 4.376              | 292.671        | 3107.85     | 137.61            | 53.04         | -126.98      | 40°09'19.244"N | 109°39'58.205"W | 0.00             |                 |
| 3213.00†   | 4.376              | 292.671        | 3207.56     | 145.24            | 55.98         | -134.02      | 40°09'19.273"N | 109°39'58.296"W | 0.00             |                 |
| 3313.00†   | 4.376              | 292.671        | 3307.27     | 152.87            | 58.92         | -141.06      | 40°09'19.302"N | 109°39'58.387"W | 0.00             |                 |
| 3413.00†   | 4.376              | 292.671        | 3406.97     | 160.50            | 61.86         | -148.10      | 40°09'19.331"N | 109°39'58.477"W | 0.00             |                 |
| 3513.00†   | 4.376              | 292.671        | 3506.68     | 168.13            | 64.80         | -155.14      | 40°09'19.360"N | 109°39'58.568"W | 0.00             |                 |
| 3613.00†   | 4.376              | 292.671        | 3606.39     | 175.76            | 67.74         | -162.18      | 40°09'19.389"N | 109°39'58.659"W | 0.00             |                 |
| 3713.00†   | 4.376              | 292.671        | 3706.10     | 183.39            | 70.69         | -169.22      | 40°09'19.419"N | 109°39'58.749"W | 0.00             |                 |
| 3813.00†   | 4.376              | 292.671        | 3805.81     | 191.02            | 73.63         | -176.26      | 40°09'19.448"N | 109°39'58.840"W | 0.00             |                 |





## Planned Wellpath Report

Three Rivers Fed 04-42T-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

|          |                      |          |  |
|----------|----------------------|----------|--|
| Operator | ULTRA RESOURCES, INC | Slot     | Three Rivers Fed 04-42T-820 (1400' ENL & 419' FEL) |
| Area     | Three Rivers         | Well     | Three Rivers Fed 04-42T-820                        |
| Field    | UINTAH COUNTY        | Wellbore | Three Rivers Fed 04-42T-820 PWB                    |
| Facility | Sec.04-T8S-R20E      |          |  |

### WELLPATH DATA (83 stations) † = interpolated/extrapolated station

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Vert Sect<br>[ft] | North<br>[ft] | East<br>[ft] | Latitude       | Longitude       | DLS<br>[°/100ft] | Comments          |
|------------|--------------------|----------------|-------------|-------------------|---------------|--------------|----------------|-----------------|------------------|-------------------|
| 3913.00†   | 4.376              | 292.671        | 3905.52     | 198.65            | 76.57         | -183.30      | 40°09'19.477"N | 109°39'58.931"W | 0.00             |                   |
| 4013.00†   | 4.376              | 292.671        | 4005.23     | 206.28            | 79.51         | -190.34      | 40°09'19.506"N | 109°39'59.021"W | 0.00             |                   |
| 4113.00†   | 4.376              | 292.671        | 4104.93     | 213.91            | 82.45         | -197.38      | 40°09'19.535"N | 109°39'59.112"W | 0.00             |                   |
| 4213.00†   | 4.376              | 292.671        | 4204.64     | 221.54            | 85.39         | -204.42      | 40°09'19.564"N | 109°39'59.203"W | 0.00             |                   |
| 4268.52†   | 4.376              | 292.671        | 4260.00     | 225.77            | 87.02         | -208.33      | 40°09'19.580"N | 109°39'59.253"W | 0.00             | Mahogany          |
| 4313.00†   | 4.376              | 292.671        | 4304.35     | 229.17            | 88.33         | -211.46      | 40°09'19.593"N | 109°39'59.293"W | 0.00             |                   |
| 4413.00†   | 4.376              | 292.671        | 4404.06     | 236.79            | 91.27         | -218.50      | 40°09'19.622"N | 109°39'59.384"W | 0.00             |                   |
| 4513.00†   | 4.376              | 292.671        | 4503.77     | 244.42            | 94.21         | -225.54      | 40°09'19.651"N | 109°39'59.475"W | 0.00             |                   |
| 4613.00†   | 4.376              | 292.671        | 4603.48     | 252.05            | 97.15         | -232.58      | 40°09'19.680"N | 109°39'59.565"W | 0.00             |                   |
| 4641.03    | 4.376              | 292.671        | 4631.43     | 254.19            | 97.98         | -234.55      | 40°09'19.688"N | 109°39'59.591"W | 0.00             |                   |
| 4713.00†   | 2.936              | 292.671        | 4703.25     | 258.78            | 99.74         | -238.79      | 40°09'19.706"N | 109°39'59.645"W | 2.00             |                   |
| 4813.00†   | 0.936              | 292.671        | 4803.18     | 262.16            | 101.05        | -241.90      | 40°09'19.719"N | 109°39'59.685"W | 2.00             |                   |
| 4859.82    | 0.000              | 292.671        | 4850.00†    | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 2.00             |                   |
| 4884.82†   | 0.000              | 292.671        | 4875.00     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             | Garden Gulch      |
| 4913.00†   | 0.000              | 292.671        | 4903.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5013.00†   | 0.000              | 292.671        | 5003.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5034.82†   | 0.000              | 292.671        | 5025.00     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             | Lower Green River |
| 5113.00†   | 0.000              | 292.671        | 5103.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5213.00†   | 0.000              | 292.671        | 5203.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5313.00†   | 0.000              | 292.671        | 5303.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5413.00†   | 0.000              | 292.671        | 5403.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5513.00†   | 0.000              | 292.671        | 5503.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5613.00†   | 0.000              | 292.671        | 5603.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5713.00†   | 0.000              | 292.671        | 5703.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5813.00†   | 0.000              | 292.671        | 5803.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 5913.00†   | 0.000              | 292.671        | 5903.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6013.00†   | 0.000              | 292.671        | 6003.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6113.00†   | 0.000              | 292.671        | 6103.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6213.00†   | 0.000              | 292.671        | 6203.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6313.00†   | 0.000              | 292.671        | 6303.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6413.00†   | 0.000              | 292.671        | 6403.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6513.00†   | 0.000              | 292.671        | 6503.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6613.00†   | 0.000              | 292.671        | 6603.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6713.00†   | 0.000              | 292.671        | 6703.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6784.82†   | 0.000              | 292.671        | 6775.00     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             | Wasatch           |
| 6813.00†   | 0.000              | 292.671        | 6803.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6913.00†   | 0.000              | 292.671        | 6903.18     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             |                   |
| 6984.82    | 0.000              | 292.671        | 6975.00     | 262.54            | 101.19        | -242.26      | 40°09'19.720"N | 109°39'59.690"W | 0.00             | TD                |





## Planned Wellpath Report

Three Rivers Fed 04-42T-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

|          |                      |          |  |
|----------|----------------------|----------|--|
| Operator | ULTRA RESOURCES, INC | Slot     | Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) |
| Area     | Three Rivers         | Well     | Three Rivers Fed 04-42T-820                        |
| Field    | UINTAH COUNTY        | Wellbore | Three Rivers Fed 04-42T-820 PWB                    |
| Facility | Sec.04-T8S-R20E      |          |  |

### HOLE & CASING SECTIONS - Ref Wellbore: Three Rivers Fed 04-42T-820 PWB Ref Wellpath: Three Rivers Fed 04-42T-820 PWP

| String/Diameter         | Start MD<br>[ft] | End MD<br>[ft] | Interval<br>[ft] | Start TVD<br>[ft] | End TVD<br>[ft] | Start N/S<br>[ft] | Start E/W<br>[ft] | End N/S<br>[ft] | End E/W<br>[ft] |
|-------------------------|------------------|----------------|------------------|-------------------|-----------------|-------------------|-------------------|-----------------|-----------------|
| 16in Conductor          | 13.00            | 120.00         | 107.00           | 13.00             | 120.00          | 0.00              | 0.00              | 0.00            | 0.00            |
| 12.25in Open Hole       | 120.00           | 1000.00        | 880.00           | 120.00            | 1000.00         | 0.00              | 0.00              | 0.00            | 0.00            |
| 8.625in Casing Surface  | 13.00            | 1000.00        | 987.00           | 13.00             | 1000.00         | 0.00              | 0.00              | 0.00            | 0.00            |
| 7.875in Open Hole       | 1000.00          | 6984.82        | 5984.82          | 1000.00           | 6975.00         | 0.00              | 0.00              | 101.19          | -242.26         |
| 5.5in Casing Production | 13.00            | 6984.82        | 6971.82          | 13.00             | 6975.00         | 0.00              | 0.00              | 101.19          | -242.26         |

### TARGETS

| Name  | MD<br>[ft] | TVD<br>[ft] | North<br>[ft] | East<br>[ft] | Grid East<br>[US ft] | Grid North<br>[US ft] | Latitude       | Longitude       | Shape |
|---|------------|-------------|---------------|--------------|----------------------|-----------------------|----------------|-----------------|-------|
| 1) Three Rivers Fed 04-42T-820 Target On Plat<br>1300' FNL & 660' FEL | 4859.82    | 4850.00     | 101.19        | -242.26      | 2152826.37           | 7230609.49            | 40°09'19.720"N | 109°39'59.690"W | point |



## Planned Wellpath Report

Three Rivers Fed 04-42T-820 PWP

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### REFERENCE WELLPATH IDENTIFICATION

|          |                      |          |  |
|----------|----------------------|----------|--|
| Operator | ULTRA RESOURCES, INC | Slot     | Three Rivers Fed 04-42T-820 (1400' FNL & 419' FEL) |
| Area     | Three Rivers         | Well     | Three Rivers Fed 04-42T-820                        |
| Field    | UINTAH COUNTY        | Wellbore | Three Rivers Fed 04-42T-820 PWB                    |
| Facility | Sec.04-T8S-R20E      |          |  |

### WELLPATH COMMENTS

| MD<br>[ft] | Inclination<br>[°] | Azimuth<br>[°] | TVD<br>[ft] | Comment           |
|------------|--------------------|----------------|-------------|-------------------|
| 120.00     | 0.000              | 292.671        | 120.00      | Base Gravel       |
| 1600.74    | 4.376              | 292.671        | 1600.00     | BMSW              |
| 2929.62    | 4.376              | 292.671        | 2925.00     | Green River Top   |
| 4268.52    | 4.376              | 292.671        | 4260.00     | Mahogany          |
| 4884.82    | 0.000              | 292.671        | 4875.00     | Garden Gulch      |
| 5034.82    | 0.000              | 292.671        | 5025.00     | Lower Green River |
| 6784.82    | 0.000              | 292.671        | 6775.00     | Wasatch           |
| 6984.82    | 0.000              | 292.671        | 6975.00     | TD                |



## Ultra Resources, Inc.

---

November 12, 2014

Mr. Dustin Doucet  
Utah Division of Oil, Gas & Mining  
1594 West North Temple  
Salt Lake City, Utah 84116

RE: Request for Exception to Spacing  
**Three Rivers Fed 4-42T-820**  
Surface Location: 1400' FNL & 419' FEL, SENE, Sec. 4, T8S, R20E  
Target Location: 1300' FNL & 660' FEL, NENE, Sec. 4, Lot 1, T8S, R20E  
SLB&M, Uintah County, Utah

Dear Mr. Doucet:

Ultra Resources, Inc. ("Ultra") respectfully submits this request for exception to spacing (**Docket No. 2013-030 / Cause No. 270-02**) based on geology since the well is located less than 100 feet to the drilling unit boundary.

The adjacent drilling unit boundary is covered by the same lease and has the identical production interest owners in it.

Ultra owns 100% of the leasehold within 460 feet of the surface and target location as well as all points along the intended well bore path.

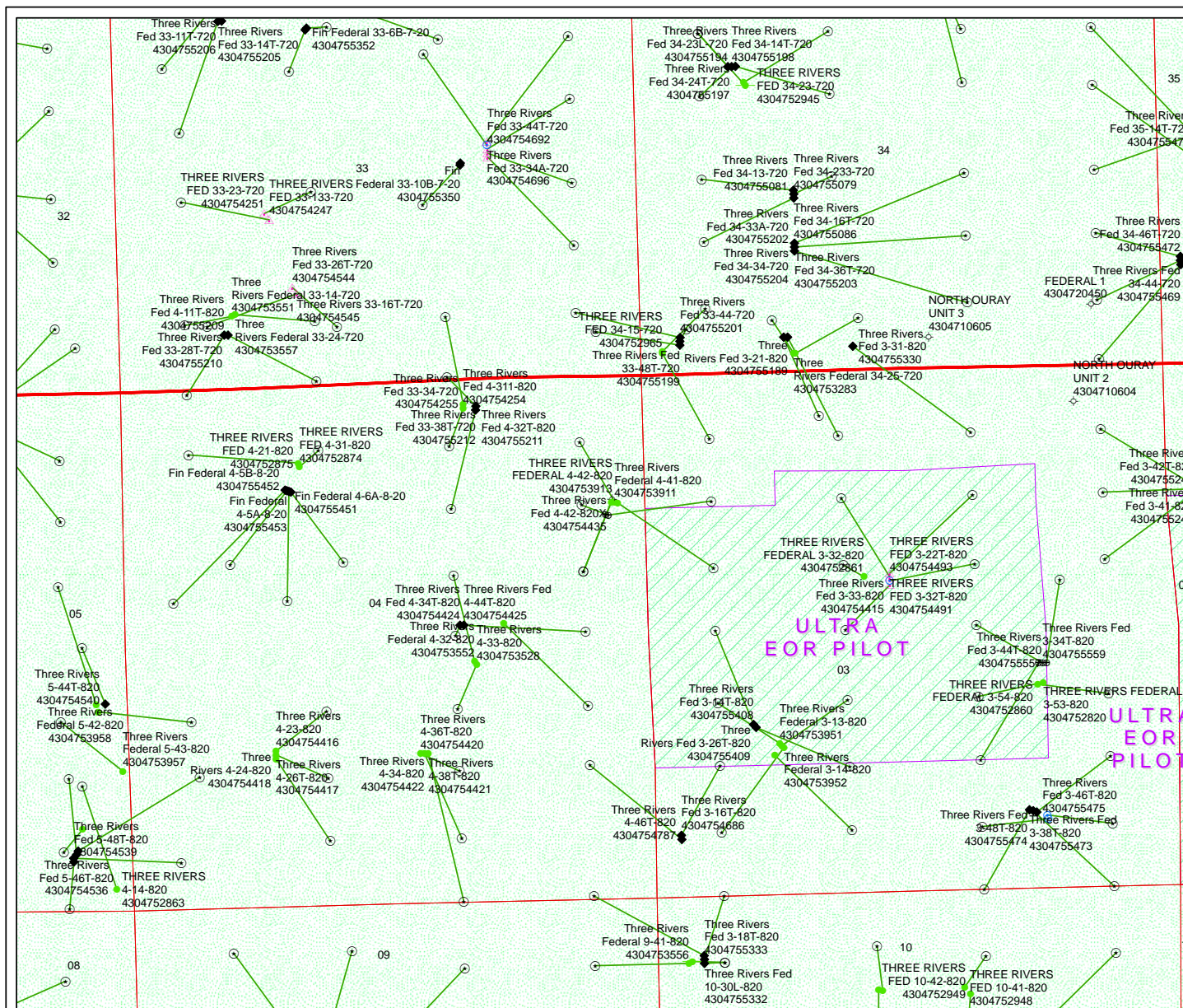
Thank you very much for your timely consideration of this application. Please feel free to contact me at 303-645-9810 should you have any questions or need additional information.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jenna Anderson".

Jenna Anderson  
Permitting Specialist





API Number: 4304755556

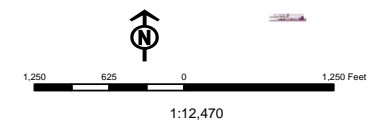
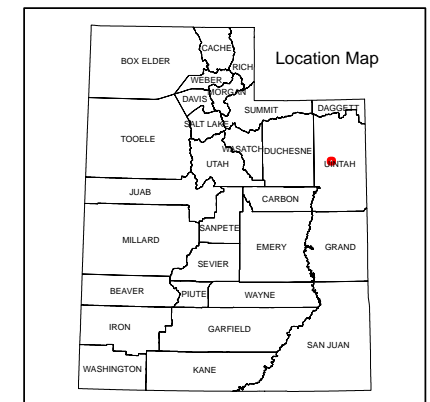
Well Name: Three Rivers Fed 4-42T-820

Township: T08.0S Range: R20.0E Section: 04 Meridian: S

Operator: ULTRA RESOURCES INC

Map Prepared: 8/4/2016  
Map Produced by Diana Mason

| Wells Query                        |  | Units        |  |
|------------------------------------|--|--------------|--|
| Status                             |  | STATUS       |  |
| APD - Approved Permit              |  | ACTIVE       |  |
| DRL - Spudded (Drilling Commenced) |  | EXPLORATORY  |  |
| GIW - Gas Injection                |  | GAS STORAGE  |  |
| GS - Gas Storage                   |  | NF PP OIL    |  |
| LOC - New Location                 |  | PP SECONDARY |  |
| OPS - Operation Suspended          |  | PI OIL       |  |
| PA - Plugged Abandoned             |  | PP GAS       |  |
| PGW - Producing Gas Well           |  | PP GEOTHERM  |  |
| POW - Producing Oil Well           |  | PP OIL       |  |
| SGW - Shut-in Oil Well             |  | SECONDARY    |  |
| TA - Temp. Abandoned               |  | TERMINATED   |  |
| TW - Test Well                     |  |              |  |
| WOW - Water Disposal               |  |              |  |
| WW - Water Injection Well          |  |              |  |
| WSW - Water Supply Well            |  |              |  |



## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/1/2016

API NO. ASSIGNED: 43047555560000

WELL NAME: Three Rivers Fed 4-42T-820

OPERATOR: ULTRA RESOURCES INC (N4045)

PHONE NUMBER: 307 367-5041

CONTACT: Jasmine Allison

PROPOSED LOCATION: SENE 04 080S 200E

Permit Tech Review: ☒

SURFACE: 1400 FNL 0419 FEL

Engineering Review: ☐

BOTTOM: 1300 FNL 0660 FEL

Geology Review: ☒

COUNTY: UINTAH

LATITUDE: 40.15520

LONGITUDE: -109.66566

UTM SURF EASTINGS: 613643.00

NORTHINGS: 4445836.00

FIELD NAME: THREE RIVERS

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU85994

PROPOSED PRODUCING FORMATION(S): GREEN RIVER - LOWER

SURFACE OWNER: 1 - Federal

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: FEDERAL - UTB000593☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: 43-10988☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

☐ R649-2-3.

Unit:

☐ R649-3-2. General☐ R649-3-3. Exception☒ Drilling Unit

Board Cause No: Cause 270-02

Effective Date: 11/9/2013

Siting: 2 WELLS PER 40 ACRES

☒ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 4 - Federal Approval - dmason  
15 - Directional - dmason

RECEIVED: August 09, 2016





GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Three Rivers Fed 4-42T-820  
**API Well Number:** 43047555560000  
**Lease Number:** UTU85994  
**Surface Owner:** FEDERAL  
**Approval Date:** 8/9/2016

### Issued to:

ULTRA RESOURCES INC, 116 Inverness Drive East, Suite #400, Englewood, CO 80112

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 270-02. The expected producing formation or pool is the GREEN RIVER - LOWER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

### Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Alexis Huefner at 801-538-5302

(please leave a voicemail message if not available)

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil &

Gas website  
at <http://oilgas.ogm.utah.gov>

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written over a horizontal line.

For John Rogers  
Associate Director, Oil & Gas